

please file
MD470010

Subject: AGC water analysis
To: tommunson@utah.gov
From: Stan Perkes@blm.gov
Received: Mon, 13 Aug 2007 06:35:00 -0600
Attachment: L62833 Water Analysis 06 2007.pdf

Tom. I spoke to Susan some time ago. She said that you could take a look at this for me. I am a little confused by this report. Could you please look at it and call me.

Stan

(See attached file: L62833 Water Analysis 06 2007.pdf)

Please file
M0470040

ACZ Laboratories, Inc.

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

**Analytical
Report**

June 15, 2007

Report to:

Gary Fisher
American Gilsonite Company
29950 South Bonanza Hwy
Bonanza, UT 84008

Bill to:

Gary Fisher
American Gilsonite Company
29950 South Bonanza Hwy
Bonanza, UT 84008-9284

Project ID: 44545

ACZ Project ID: L62833

Gary Fisher:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on May 25, 2007. This project has been assigned to ACZ's project number, L62833. Please reference this number in all future inquiries.

All analyses were performed according to ACZ's Quality Assurance Plan, version 11.0. The enclosed results relate only to the samples received under L62833. Each section of this report has been reviewed and approved by the appropriate Laboratory Supervisor, or a qualified substitute.

Except as noted, the test results for the methods and parameters listed on ACZ's current NELAC certificate letter (#ACZ) meet all requirements of NELAC.

This report shall be used or copied only in its entirety. ACZ is not responsible for the consequences arising from the use of a partial report.

All samples and sub-samples associated with this project will be disposed of after July 15, 2007. If the samples are determined to be hazardous, additional charges apply for disposal (typically less than \$10/sample). If you would like the samples to be held longer than ACZ's stated policy or to be returned, please contact your Project Manager or Customer Service Representative for further details and associated costs. ACZ retains analytical reports for five years.

If you have any questions or other needs, please contact your Project Manager.

15/Jun/07

Sue Webber, Project Manager, has reviewed and approved this report in its entirety.



ACZ Laboratories, Inc.

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

**Case
Narrative**

American Gilsonite Company

June 15, 2007

Project ID: 44545

ACZ Project ID: L62833

Sample Receipt

ACZ Laboratories, Inc. (ACZ) received 2 miscellaneous samples from American Gilsonite Company on May 25, 2007. The samples were received in good condition. Upon receipt, the sample custodian removed the samples from the cooler, inspected the contents, and logged the samples into ACZ's computerized Laboratory Information Management System (LIMS). The samples were assigned ACZ LIMS project number L62833. The custodian verified the sample information entered into the computer against the chain of custody (COC) forms and sample bottle labels.

Holding Times

All analyses were performed within EPA recommended holding times.

Sample Analysis

These samples were analyzed for inorganic, organic parameters. The individual methods are referenced on both, the ACZ invoice and the analytical reports. The following anomaly required further explanation not provided by the Extended Qualifier Report

1. For Total Antimony values flagged with an "N1", the LFB recovered slightly low. The data was flagged and accepted after the samples were rerun with the same result and values were verified by ICPMS.

ACZ Laboratories, Inc.

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

**Inorganic Analytical
Results****American Gilsonite Company**

Project ID: 44545

Sample ID: B-38

ACZ Sample ID: L62833-01

Date Sampled: 05/23/07 10:00

Date Received: 05/25/07

Sample Matrix: Waste Water

Inorganic Prep

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Total Hot Plate Digestion	M200.2 ICP							06/04/07 14:24	erf

Metals Analysis

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Antimony, total	M200.7 ICP		U	*	mg/L	0.04	0.2	06/06/07 23:13	wfg
Arsenic, total	M200.7 ICP		U		mg/L	0.08	0.4	06/06/07 23:13	wfg
Barium, total	M200.7 ICP	0.158			mg/L	0.006	0.03	06/07/07 15:27	msh
Beryllium, total	M200.7 ICP		U		mg/L	0.004	0.02	06/06/07 23:13	wfg
Cadmium, total	M200.7 ICP		U		mg/L	0.01	0.03	06/06/07 23:13	wfg
Chromium, total	M200.7 ICP		U		mg/L	0.02	0.1	06/06/07 23:13	wfg
Iron, total	M200.7 ICP	0.38			mg/L	0.04	0.1	06/06/07 23:13	wfg
Lead, total	M200.7 ICP		U		mg/L	0.08	0.4	06/06/07 23:13	wfg
Mercury, total	M245.1 CVAA		U		mg/L	0.0002	0.001	06/01/07 14:29	gme
Selenium, total	M200.7 ICP		U		mg/L	0.08	0.4	06/06/07 23:13	wfg
Silver, total	M200.7 ICP		U		mg/L	0.02	0.05	06/06/07 23:13	wfg

Wet Chemistry

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Lab Filtration	SM 3030 B			*				05/29/07 10:20	lzg/lmc
pH (lab)	150.1 / SM4500H+ B								
pH		8.7	H		units	0.1	0.1	06/06/07 0:00	cas
pH measured at		20.0			C	0.1	0.1	06/06/07 0:00	cas
Residue, Filterable (TDS) @180C	160.1 / SM2540C	2600			mg/L	10	20	05/30/07 13:55	aeh
Residue, Non-Filterable (TSS) @105C	160.1 / SM2540C		U	*	mg/L	5	20	05/30/07 13:50	seb
Sulfate	SM4500 SO4-D	590			mg/L	10	50	06/06/07 12:18	mhm
Sulfide as S	376.2 - Methylene Blue	2.21		*	mg/L	0.08	0.4	05/29/07 12:09	cas
Sulfite	M377.1 - Titrimetric	21	H	*	mg/L	2	10	05/26/07 8:26	cas

ACZ Laboratories, Inc.

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

**Organic Analytical
Results****American Gilsonite Company**

Project ID: 44545

Sample ID: B-38

ACZ Sample ID: **L62833-01**

Date Sampled: 05/23/07 10:00

Date Received: 05/25/07

Sample Matrix: Waste Water

Oil & Grease, Total Recoverable

Analysis Method: 1664A - Gravimetric

Extract Method:

Workgroup: WG225514

Analyst: tam

Extract Date:

Analysis Date: 05/29/07 14:08

Compound	CAS	Result	QUAL	Dilution	XQ	Units	MDL	PQL
Oil and Grease			U	3.571	*	mg/L	7	40